

WHAT IS CLAIMED IS:

1. A printing system, which continuously performs printing on a plurality of sheets based on print setting information including, at the least, information for designating an image to be printed, comprising:

input means for entering image data that are to be printed;

- printing means for printing said image data entered by said input means;

storage means for, when printing based on said print setting information is halted, storing interrupt information concerning the printing completed before the interrupt; and

- control means for employing said interrupt information stored in said storage means to resume printing based on said print setting information.

2. A printing system according to claim 1, wherein said input means enters image data from an external digital camera.

3. A printing system according to claim 1, wherein said print setting information includes a job for printing a plurality of image types.

4. A printing system according to claim 1,

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wherein said interrupt occurs as a power capacity is reduced.

5 5. A printing system according to claim 1,
wherein said interrupt occurs due to a shortage of recording sheets.

10 6. A printing system according to claim 1,
wherein said print means is battery-operated.

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15 7. A printing system according to claim 2,
wherein said interrupt information is recorded in a non-volatile memory provided for said digital camera.

15 8. A printing system according to claim 1,
wherein said control means includes:
 examination means for examining whether said
 print setup information has been changed before and
 after said interrupt.

20 9. A printing system according to claim 8,
wherein, when said examination means ascertained that
said print setting information has been changed, said
control means does not resume printing based on said
25 interrupt information.

10. A printing system according to claim 1,

wherein said interrupt information is updated each time an image is printed on one sheet, and the updated information is recorded in said storage means.

5 11. A printing system according to claim 1,
which is connected to said digital camera via a
connection cable having a power feed line, wherein
said print means receives power from the power source
of said digital camera along said connection cable.

10 12. A printing system according to claim 1,
wherein said control means includes:
determination means for determining whether
said memory card has been replaced before and after
15 said interrupt.

13. A printing system according to claim 12,
wherein, when said determination means determines
that said memory card has been replaced, printing is
20 not resumed based on said interrupt information.

14. A printing system according to claim 12,
wherein the replacement of said memory card includes
a case where information stored on said memory card
25 has been changed.

15. A printing system according to claim 1,

wherein, when printing is halted by said printing means while an image is currently being output on one sheet of recording paper, said recording sheet on which printing is incomplete is discharged.

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16. A printing method, for continuously performing printing on a plurality of sheets based on print setting information including, at the least, information for designating an image to be printed, comprising:

an input step of entering image data that are to be printed;

a printing step of printing said image data entered at said input step;

15 a storage step of, when printing based on said print setting information is halted, storing interrupt information concerning the printing completed before the interrupt; and

a control step of employing said interrupt information stored at said storage step to resume printing based on said print setting information.

17. A printing method according to claim 16, wherein, at said input step, image data is entered
25 from an external digital camera.

18. A printing method according to claim 16,

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wherein said print setting information includes a job for printing a plurality of image types.

19. A printing method according to claim 16,
5 wherein said interrupt occurs as a power capacity is reduced.

20. A printing method according to claim 16,
10 wherein said interrupt occurs due to a shortage of recording sheets.

21. A printing method according to claim 16,
15 wherein said print step is performed by a battery-operated printer.

22. A printing method according to claim 17,
wherein said interrupt information is recorded in a non-volatile memory provided for said digital camera.

20 23. A printing method according to claim 16,
wherein at said control step includes:

an examination step of examining whether said print setup information has been changed before and after said interrupt.

25 24. A printing method according to claim 23,
wherein, when it is ascertained at said examination

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step that said print setting information has been changed, at said control step, printing based on said interrupt information is not resumed.

5 25. A printing method according to claim 16, wherein said interrupt information is updated each time an image is printed on one sheet, and the updated information is recorded at said storage step.

10 26. A printing method according to claim 16, wherein said control step includes:
 a determination step of determining whether said memory card has been replaced before and after said interrupt.

15 27. A printing method according to claim 26, wherein, when it is ascertained at said determination step that said memory card has been replaced, printing is not resumed based on said interrupt
20 information.

 28. A printing method according to claim 26, wherein the replacement of said memory card includes a case where information stored on said memory card
25 has been changed.

 29. A printing method according to claim 16,

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wherein, when printing is halted at said printing step while an image is currently being output on one sheet of recording paper, said recording sheet on which printing is incomplete is discharged.

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30. A digital camera, which continuously performs printing on a plurality of sheets based on print setting information including, at the least, information for designating an image to be printed, comprising:

image pickup means;

input means for entering said print setting information;

output means for outputting image data to a printer based on said print setting information;

first storage means for storing said image data;

second storage means for, when printing based on said print setting information is halted, storing interrupt information concerning the printing completed before the interrupt; and

control means for employing said interrupt information stored in said storage means to resume printing based on said print setting information.

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31. A digital camera according to claim 30, with which said printer is integrally formed.

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32. A digital camera according to claim 30,
which is battery-operated.

33. A digital camera according to claim 30,
5 wherein said printer receives power from the power
source of said digital camera along said connection
cable.

10 34. A storage medium on which stored is a
computer-readable program for continuously performing
printing on a plurality of sheets based on print
setting information including, at the least,
information for designating an image to be printed,
said computer-readable program comprising:
15 an input step of entering image data that are
to be printed;
a printing step of printing said image data
entered at said input step;
a storage step of, when printing based on said
20 print setting information is halted, storing
interrupt information concerning the printing
completed before the interrupt; and
a control step of employing said interrupt
information stored at said storage step to resume
25 printing based on said print setting information.

35. A computer-readable program, for

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continuously performing printing on a plurality of sheets based on print setting information including, at the least, information for designating an image to be printed, comprising:

- 5 an input step of entering image data that are to be printed;
- a printing step of printing said image data entered at said input step;
- a storage step of, when printing based on said
- 10 print setting information is halted, storing interrupt information concerning the printing completed before the interrupt; and
- a control step of employing said interrupt information stored at said storage step to resume
- 15 printing based on said print setting information.

36. A print control apparatus, for controlling a printer in order to continuously output an image on a plurality of sheets based on print setting
- 20 information including, at the least, information for designating an image to be printed, comprising:

- output means for outputting image data to a printer based on said print setting information;
- storage control means for, when printing based
- 25 on said print setting information is halted, storing, in a memory, interrupt information concerning the printing completed before the interrupt; and

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control means for employing said interrupt
information stored by said storage control means to
resume printing based on said print setting
information.

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